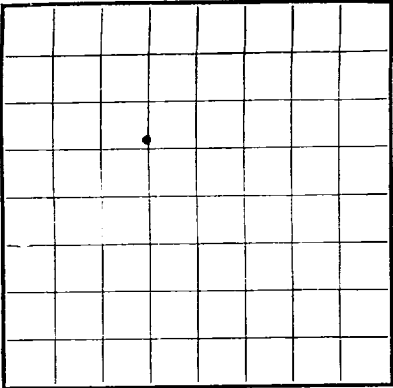


Form 9-330



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Lion Oil Company Address Box 492, Snyder, Texas
Lessor or Tract Erwin Field Caprock, Queen State New Mexico
Well No. 8 Sec. 4 T. 15 R. 31E Meridian NMPM County Chaves
Location 2014.42 ft. S. of N. Line and 1980 ft. E. of W. Line of Sec. 4 Elevation 4428
(Derrick floor relative to sea level)
The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.
Signed [Signature]

Date August 9, 1955 Title District Superintendent

The summary on this page is for the condition of the well at above date.

Commenced drilling 7-16, 1955 Finished drilling 7-29, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3138 to 3145 No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None encountered No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10-3/4	41#	8V		305.78	Float				Surface
5-1/2	19.5#	8R		3171.2	Float shoe		3138	3145	Casing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	317.33	250	Displaced & Plug		
5-1/2	3180.6	150			

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 3182 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

August 9, 1955 Put to producing August 8, 1955
The production for the first 24 hours was 366 barrels of fluid of which 99.8 % was oil; _____ %
emulsion; _____ % water; and .2 % sediment. Gravity, °Bé. 38
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. Unknown * Based on 61 BG/4 hrs.

P. W. Miller Drilling Company EMPLOYEES
E. L. Miller, Driller C. E. Couch, Driller
H. C. Hood, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	25	25	Caliche
25	285	260	Sand, fine to medium
285	1360	1075	Red shale and sand
1360	1390	30	Anhydrite
1390	2165	775	Salt, red shale, sand and anhydrite
2165	2315	150	Anhydrite, red shale, sand and salt.
2315	2465	150	Sand, shale, anhydrite
2465	3137	672	Anhydrite, red shale, sand & dolomite
3137	3149.6	12.6	Gray & red sand with some anhydrite
3149.6	3182	32.4	Red sand, shale & anhydrite.
			Total Depth 3182 PBTD 3151

Attached: 1 copy of Sample Description.

Inclination Survey: 325' - 1/2°, 2040' - 1/2°, 2560' - 3/4°

HOW BAD ARE YOU GOING?

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of re-drilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

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